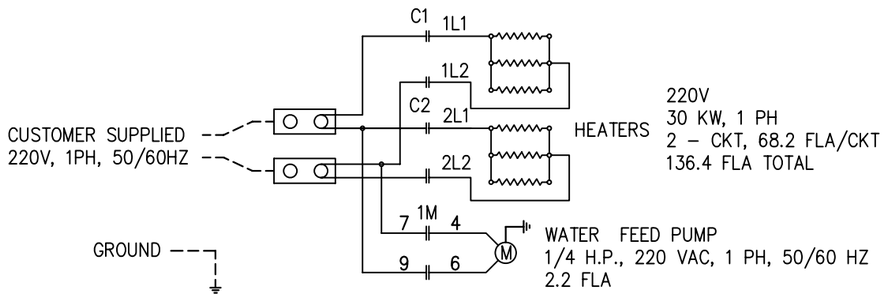
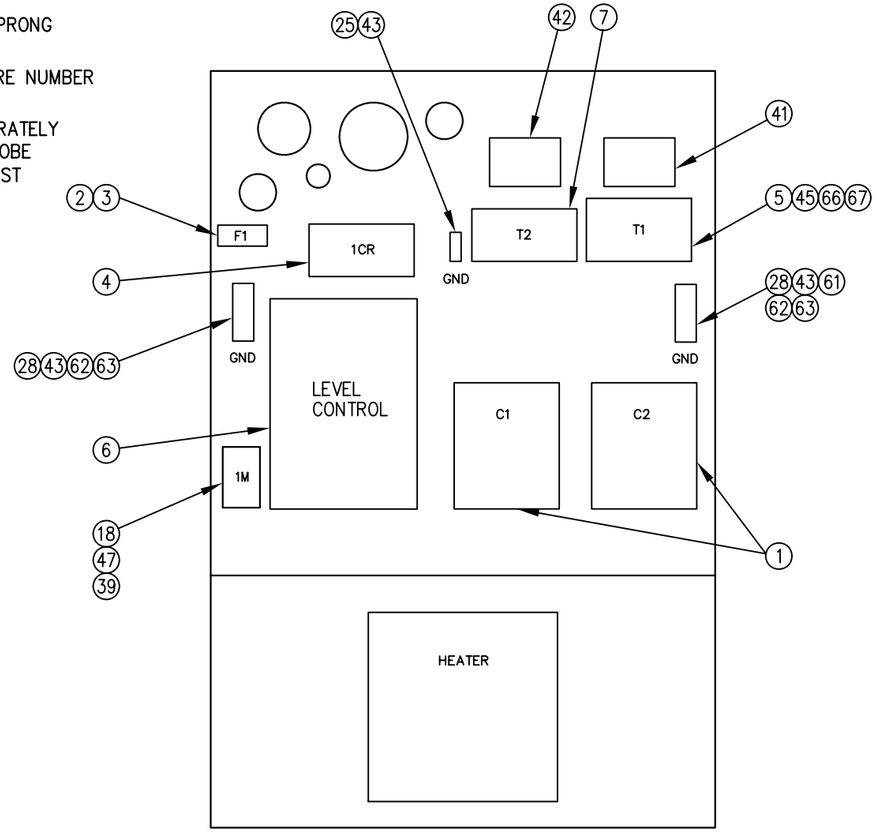
REVISIONS							
ZONE	REV	DESCRIPTION	DATE	DWN	CHKR	ENGR	APVD
	1	ADDED NOTE #1. 312181	10–1–91	JWK			MLJ
	2	REVISED WIRING. ADDED NOTES. 312673	4–30–92	TCN			MJD
	3	ADDED BAL 61–67 ECR 990056	3/2/94	JRG	RDG	RCJ	CFJ
	4	REVISED WIRING SCHEMATIC PER ECR #990605.	7/29/94	DJK	SWH	KAW	KAW

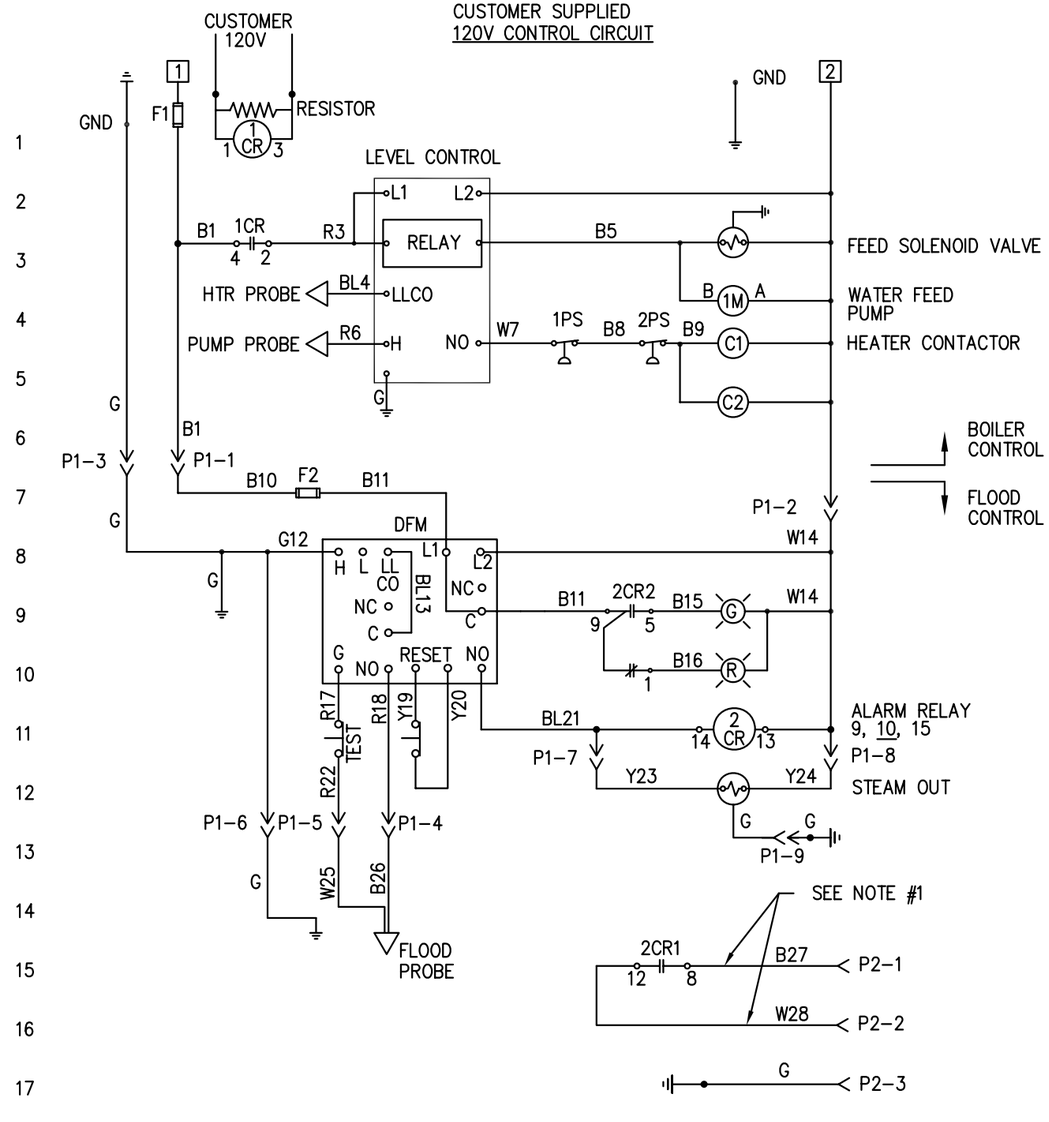


NOTES:

1. TWIST WIRES B27 & W28 TOGETHER FROM PLUG TO RELAY. RUN TWISTED WIRES SEPARATE FROM OTHER WIRE BUNDLES.
2. 120V SUPPLY CONNECTS TO THE CENTER PRONG OF FUSE F1.
3. BOTH ENDS OF EACH WIRE MUST HAVE WIRE NUMBER ATTACHED.
4. WIRES TO PROBES MUST BE ROUTED SEPERATELY FROM ALL OTHER CONTROL WIRING. IF PROBE WIRES CROSS ANY OTHER WIRES, THEY MUST CROSS AT 90° TO THOSE WIRES.
5. LABEL DWG B170–300007–115.



PANEL LAYOUT



WIRE CODE
WIRE COLOR — WIRE NUMBER
BL19

WIRE COLOR CODE

B	=	BLACK
R	=	RED
G	=	GREEN
W	=	WHITE
Y	=	YELLOW
BL	=	BLUE

LEGEND

	= SWITCH, PUSH BUTTON		= CONTACT, NORMALLY CLOSED
MTR	= MOTOR		= PRESSURE SWITCH
	= SOLENOID		= TERMINAL BLOCK
G	= LIGHT	PB	= PUSH BUTTON
CR	= CONTROL RELAY	TB	= TERMINAL BLOCK
C	= CONTACTOR	NC	= NORMALLY CLOSED
	= CONTACT, NORMALLY OPEN	NO	= NORMALLY OPEN
		LWCO	= LOW WATER CUTOUT
		CU	= CONTROL UNIT

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
FRACTIONS ±1/32 DECIMALS .XX ±0.01 .XXX ±0.005 ANGLES ±2°

MATERIALS

FINISH

THIS DRAWING AND THE SUBJECT MATTER SHOWN HEREON IS CONSIDERED CONFIDENTIAL AND MAY BE PROPRIETARY. UN-AUTHORIZED DISCLOSURE TO OTHER PARTIES IS EXPRESSLY FORBIDDEN.

CONTRACT NO

USED ON

APPROVALS		DATE
DWN	JWK	9/18/90
CHKR	WEM	9/18/90
ENGR	MLJ	9/18/90
APVD	KAW	9/18/90
DWO 730849		PC# 580089
CAD# 9D6FVH08		

Chromalox®
E.L. WIEGAND DIV.
EMERSON ELECTRIC CO.
OGDEN, UTAH 84404
EMERSON

WIRING DIAGRAM–PANEL LAYOUT CHS, 220V, 30KW, 1 PH WITH ANTI–FLOOD, AMSCO

SIZE	CODE IDENT	DRAWING NO	REV
C	07131	337–300509–008	4

SCALE NTS | DO NOT SCALE DRAWING | PART# 8 TO .